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In the claims:

Please amend Claims 1-25 as follows:

1. (currently amended) A two-cylinder slurry pump for the continuous feeding of, in particular, concrete, said pump comprising:

~~in which~~ two feed cylinders;

a precharging tank;

a feed line, said feed cylinders for removing ~~remove~~ high-viscosity material from [[a]] said pre-charging tank and delivering it to [[a]] said feed line; and

a changeover valve having a pivotable diverter valve ~~is provided~~ for switching between [[the]] said first feed cylinder and [[the]] said second feed cylinder, said diverter valve comprising:

a hollow body [[-]] having a cross-section that narrows from an inlet opening assigned to said feed cylinders to a discharge opening assigned to said feed line; [[,]]

[[ -]] said hollow body being pivotably supported in the region of said discharge opening about a pivot axis and [[ -]] connecting at least one feed cylinder[[,]] over its entire cross-section[[,]] to said feed line in any position of said changeover valve; and; ~~characterised in that~~

a support arrangement [[(20)]] and a plate cam [[(15)]] securely connected thereto are assigned to said diverter valve [[(11)]] on its side facing towards said cylinders [[(3, 5)]]; said plate cam ~~(15) comprising not only~~ including an opening forming said inlet opening [[(21)]] of said diverter valve ~~(11)~~ but also, and said plate cam further including an intake opening ~~(23), which is~~ arranged at a sufficient distance from said inlet opening [[(21)]] to cover an opening of one of said feed cylinders [[(3, 5)]] completely.

2. (currently amended) A slurry pump in accordance with claim 1, wherein said changeover valve includes a housing, ~~characterised in that~~ said diverter valve [[(11) is]] being securely connected to a drive shaft [[(19)]] supported within said housing [[(7)]] of said changeover valve [[(9)]]; and ~~that the~~ said support for said drive shaft [[(19)]] within said housing also serves serving as cylinder-side support for said diverter valve [[(11)]].

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3. (currently amended) A slurry pump in accordance with claim 1 ~~[[or 2]]~~, characterised in that wherein said diverter valve ~~[[11]]~~ and said plate cam ~~(15)~~, ~~starting out from~~ has a central position ~~in which~~ wherein both of said cylinders ~~[[3, 5]]~~ are connected to said feed line ~~[[13]]~~ at the same time~~[[,]]~~ and said plate cam can be pivoted from said central position into opposite directions through 120° in each case so as to position said intake opening ~~[[23]]~~ in front of one of said feed cylinders ~~[[3, 5]]~~ one at a time.

4. (currently amended) A slurry pump in accordance with claim 1, wherein said inlet opening comprises any one of the preceding claims, characterised in that said plate cam ~~(15)~~ and said diverter valve ~~(11)~~ have a kidney-shaped inlet opening ~~[[21]]~~ at the cylinder side, said kidney-shaped inlet opening extending across 120° along a circular arc angle and being rounded off at both its ends, and ~~[[that]]~~ said intake opening ~~[[23]]~~, being on the same circumference as said kidney-shaped opening and being~~[[, is]]~~ offset symmetrically through 120° with respect to both ends of said inlet opening ~~[[21]]~~.

5. (currently amended) A slurry pump in accordance with claim 1, wherein said feed cylinders each has a diameter any one of the preceding claims, characterised in that said intake opening ~~(23)~~ is designed as comprising a bore in within said plate cam ~~[[15]]~~, and said bore having a diameter that corresponds at least to ~~[[the]]~~ said diameters of said feed cylinders ~~[[3, 5]]~~.

6. (currently amended) A slurry pump in accordance with ~~any one of the preceding claims~~ claim 1 to 4, characterised in that wherein said intake opening is designed as a marginal recess within in said plate cam, ~~the opening of which~~ corresponds at least to the diameter of one of said ~~[[a]]~~ feed cylinders.

7. (currently amended) A slurry pump in accordance with claim 1 ~~any one of the preceding claims~~, characterised in that wherein said kidney-shaped inlet opening ~~[[21]]~~ is enclosed by a cutting ring.

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8. (currently amended) A slurry pump in accordance with claim 1 ~~any one of the preceding claims, characterised in that~~ further comprises at least one wear plate ~~[[is]]~~ arranged on a lateral surface of said housing ~~[[ (7) ]]~~, said surface ~~pointing~~ facing towards said diverter valve ~~[[ (11) ]]~~.

9. (currently amended) A slurry pump in accordance with claim 1 ~~any one of the preceding claims, characterised in that~~ wherein said plate cam ~~[[ (15) ]]~~ is slidably supported~~[[,]]~~ at its circumferential edge~~[[,]]~~ on a wall of said housing ~~[[ (7) ]]~~ of said changeover valve ~~[[ (9) ]]~~.

10. (currently amended) A slurry pump in accordance with claim 9, wherein said plate cam has a ~~characterised in that the~~ circumferential support surface, said circumferential support surface providing of said plate cam (15) is designed as a wrap-around sliding seal.

11. (currently amended) A slurry pump in accordance with claim 8 ~~and claim 9 or 10,~~ ~~characterised in that~~ wherein said plate cam ~~[[ (15) ]]~~ is slidably supported on said wear plate.

12. (currently amended) A slurry pump in accordance with claim 9 ~~[[or 10]]~~, ~~characterised in that~~ wherein said plate cam ~~[[ (15) ]]~~ is slidably supported, at its circumference, on a separate wear ring.

13. (currently amended) A slurry pump in accordance with claim 1 ~~any one of the preceding claims, characterised in that~~ wherein said diverter valve ~~(11) can be~~ is driven via a drive shaft ~~[[ (19) ]]~~ by means of drive cylinders ~~[[ (25) ]]~~ via a lever ~~[[ (17) ]]~~ or by means of a rotary drive directly for the purpose of pivoting movements.

14. (currently amended) A slurry pump in accordance with claim 13, ~~characterised in that~~ wherein at least said drive shaft ~~(19), in front elevation,~~ is arranged between said feed cylinders ~~[[ (3, 5) ]]~~.

15. (currently amended) A slurry pump in accordance with claim 1 ~~any one of the preceding claims, characterised in that~~ wherein said plate cam ~~[[ (15) ]]~~ is connected to said diverter valve ~~[[ (11) ]]~~ in a detachable manner by means of screws or in a secure manner by welding.

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16. (currently amended) A slurry pump in accordance with claim 1 ~~any one of the preceding claims, characterised in that~~ wherein the openings of said feed cylinders  $[(3, 5)]$  open out near to the lower base of said precharging tank  $[(8)]$  beneath ~~the pivoting~~ said pivot axis of said diverter valve  $[(11)]$ .

17. (currently amended) ~~A process for controlling a slurry pump, in particular a slurry pump (1) in accordance with the preceding claims,~~ said pump having two feed cylinders  $[(3, 5)]$  open on one side, ~~having~~ rams, and a changeover valve  $[(9)]$  having a movable diverter valve  $[(11)]$  that can be controlled in a manner adapted to the movement of the rams, the inlet opening  $[(10, 21)]$  of said diverter valve being designed for simultaneously covering both feed cylinders  $[(3, 5)]$  in at least one position of said diverter valve  $[(11)]$ , and the discharge opening  $[(12)]$  of said diverter valve communicating with a feed line  $[(13)]$ , said diverter valve  $[(11)]$  being provided with sealing faces that close the opening of at least one feed cylinder in predetermined positions of said diverter valve, ~~characterised in that~~ said method comprising:

closing the opening of each feed cylinder with the sealing face of a plate cam that runs ahead of the inlet opening of said diverter valve at the start of the pump lift of the ram ~~(K3, K5) of each feed cylinder (3, 5), its opening is closed by means of a plate cam (15) sealing face that runs ahead of the inlet opening of said diverter valve the ram of this feed cylinder;~~

performing a precompression stroke with the ram of one feed cylinder while operating the ram of the other feed cylinder  $[(is)]$  in pump-lift mode, ~~and that;~~

controlling both rams in a synchronous phase while both cylinder openings are covered temporarily at the same time by ~~[[said]]~~ the inlet opening  $[(21)]$  ~~controlling, both rams are controlled in a synchronous phase~~ so as to match one another such that the amount of high-viscosity material simultaneously pumped by both rams  $[(K3, K5)]$  is at least roughly the same as if it were being fed by just one ram  $[(K3 \text{ or } K5)]$  during the intake stroke of the other ram ~~(K3 or K5 respectively).~~

18. (currently amended) A process in accordance with claim 17, ~~characterised in that~~ further comprising providing each pump lift of a ram ~~comprises~~ at least one precompression phase

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(phases 4/8), a first synchronous phase (~~phases 1/5~~), a pump phase (~~phases 2 to 4/6 to 8~~) and a second synchronous phase (~~phases 5/1~~).

19. (currently amended) A process in accordance with claim 17 ~~or 18, characterised in that during the synchronous phases,~~ further comprising driving both rams (1(3, KS) ~~are driven~~ at reduced speed and pump capacity during the synchronous phases.

20. (currently amended) A process in accordance with claim 19, ~~characterised in that during the synchronous phases,~~ further comprising driving both rams (1(3, KS) ~~are driven~~ at the same speed, in particular at half the normal speed of its further pump lift during the synchronous phases.

21. (currently amended) A process in accordance with claim 17, further comprising providing any one of the preceding process claims, ~~characterised in that~~ each intake stroke of a ram ~~comprises~~ a start-up ramp and a rundown ramp at a lower speed.

22. (currently amended) A process in accordance with claim 17, further comprising executing any one of the preceding process claims, ~~characterised in that~~ the intake stroke of each ram (~~phases 3/7~~) ~~is executed~~ faster than its pump lift, ~~in particular it is enclosed between a relaxation phase (phases 2/6) and a precompression phase (phases 4/8).~~

23. (currently amended) A process in accordance with claim 17, further comprising delaying or temporarily stopping the any one of the preceding process claims, ~~characterised in that~~ said diverter valve (11) ~~is delayed or temporarily stopped~~ during the precompression phase.

24. (currently amended) A process in accordance with claim 17, further comprising delaying or temporarily stopping the any one of the preceding process claims, ~~characterised in that~~ said diverter valve (11) ~~is delayed or temporarily stopped~~ during the synchronous phase.

25. (currently amended) A process in accordance with claim 17, further comprising delaying or temporarily stopping the any one of the preceding process claims, ~~characterised in that~~ said diverter valve (11) ~~is delayed or temporarily stopped~~ during the relaxation phase.